


Form PTO-1449  U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. P23700	Serial No. 10/646,860	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		Applicant Hiroshi NOMURA	
Filing Date August 25, 2003		Group 2872	

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>[Signature]</i>	2004 / 0 0 4 2 0 9 5	03/04/04	NOMURA			
<i>[Signature]</i>	2004 / 0 0 4 2 0 9 3	03/04/04	NOMURA			
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<i>[Signature]</i>	6 1 1 5 1 9 0	09/05/00	HIRAI			
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EXAMINER <i>[Signature]</i>	DATE CONSIDERED 9/14/04
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\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	YEAR	COUNTRY	DOCUMENT NUMBER			CLASS	SUBCLASS	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
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**U.S. PATENT DOCUMENTS**

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**FOREIGN PATENT DOCUMENTS**

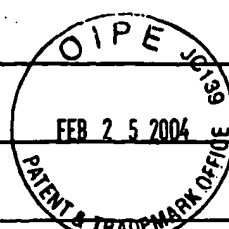
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<i>[Signature]</i>	7 - 2 8 8 7 2 4	10/31/95	JAPAN				X

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

<i>[Signature]</i>	1	English Language Abstract of JP 58-10708.
<i>[Signature]</i>	2	English Language Abstract of JP 2003-207709.
<i>[Signature]</i>	3	English Language Abstract of JP 2002-277719.
<i>[Signature]</i>	4	English Language Abstract of JP 10-282394.
<i>[Signature]</i>	5	English Language Abstract of JP 58-162914.

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<i>[Signature]</i>	4 5 2 5 0 5 0	06/25/85	OHASHI			
<i>[Signature]</i>	4 6 4 3 5 5 5	02/17/87	WAKABAYASHI			
<i>[Signature]</i>	4 7 2 1 9 7 2	01/26/88	WAKABAYASHI			
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<i>[Signature]</i>	1 1 1 0 9 2 0 3	04/23/99	JAPAN			

**JAPAN OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

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